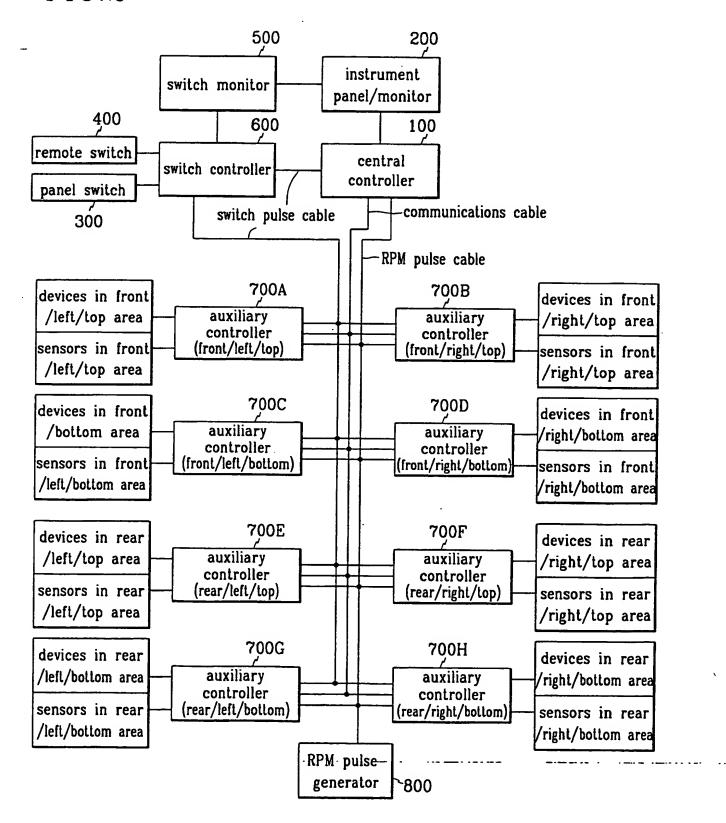
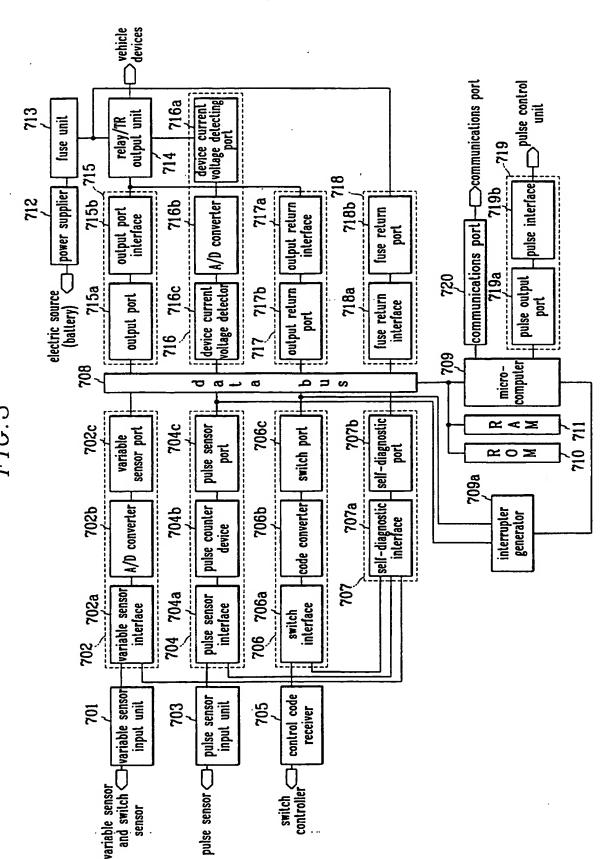


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FIG.2

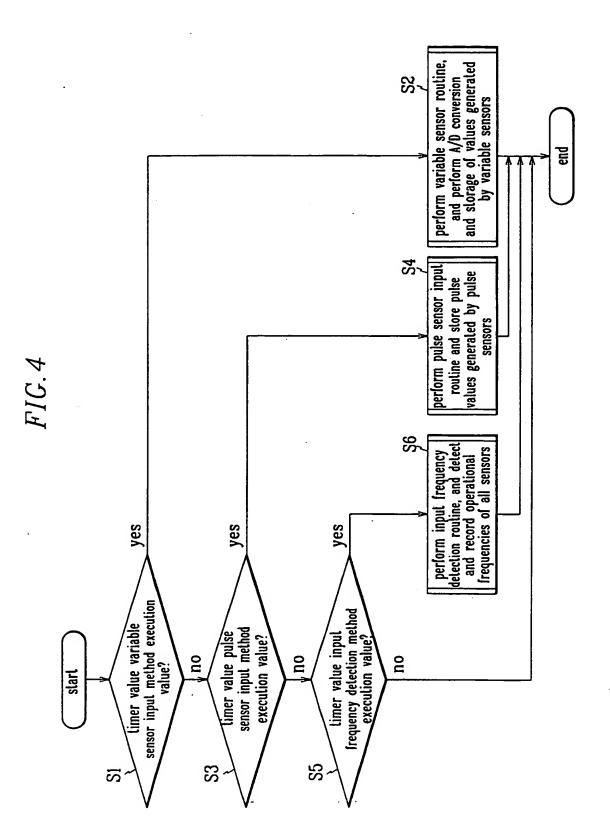




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Serial No. Not'Assigned Docket No. 2818-101 Title: Integrated Digital Control System and Method For Controlling Automotive Electric Device Inventor: KIM

5/40



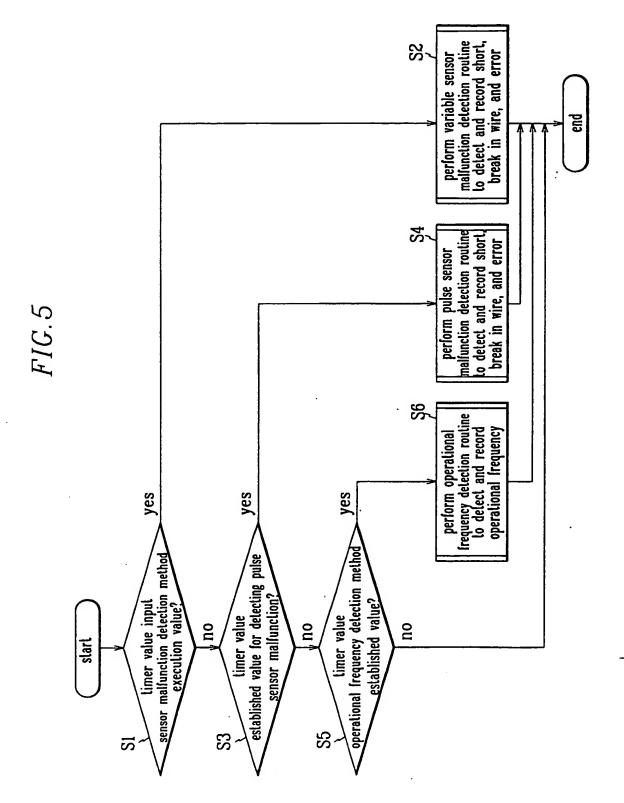


FIG. 6

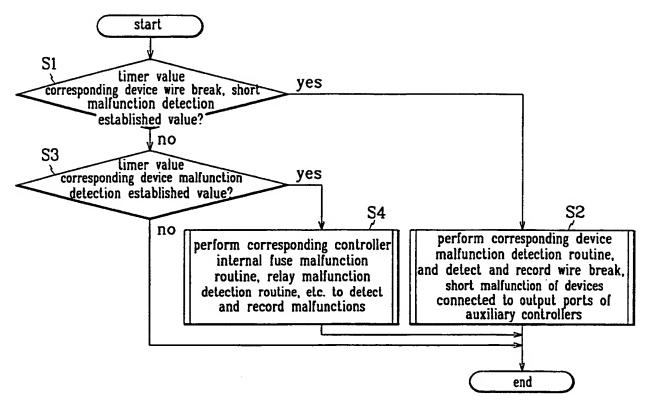
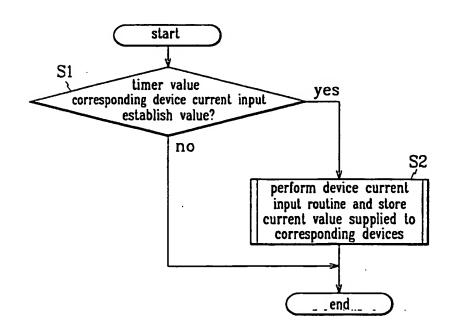
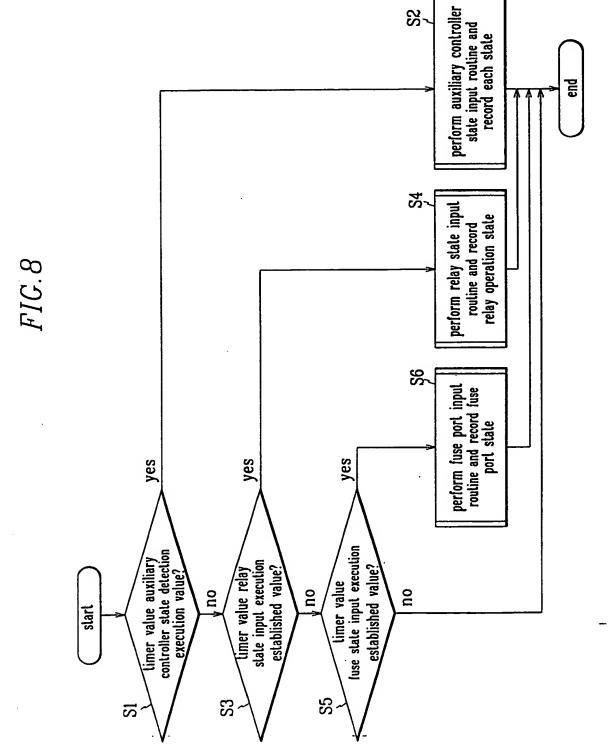


FIG. 7

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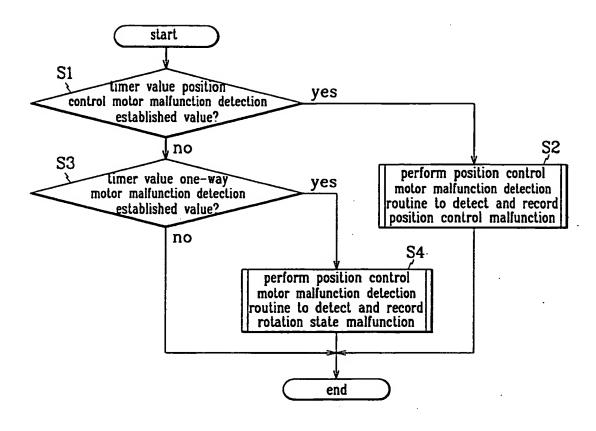


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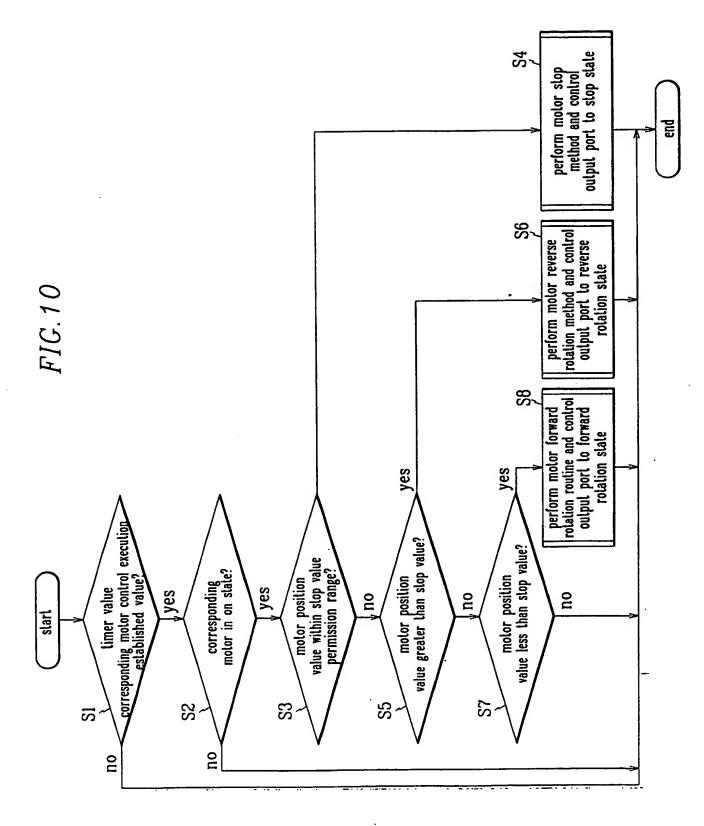
FIG. 9

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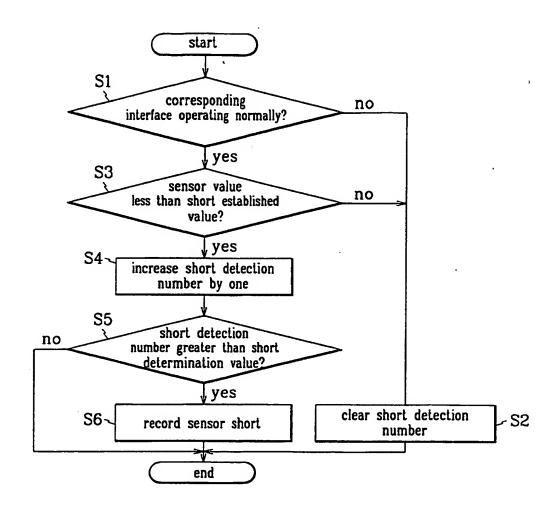


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FIG. 11



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FIG. 12

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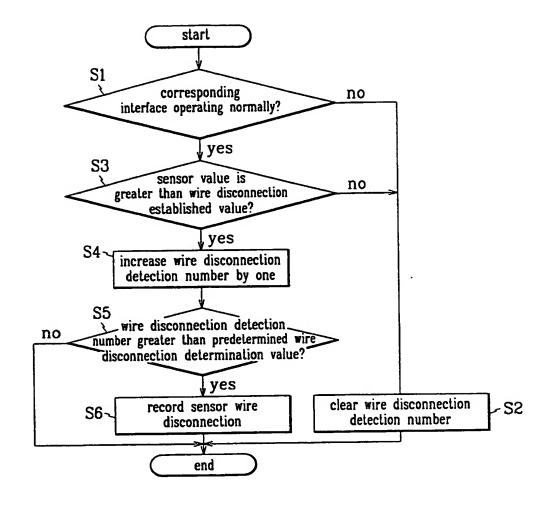


FIG. 13

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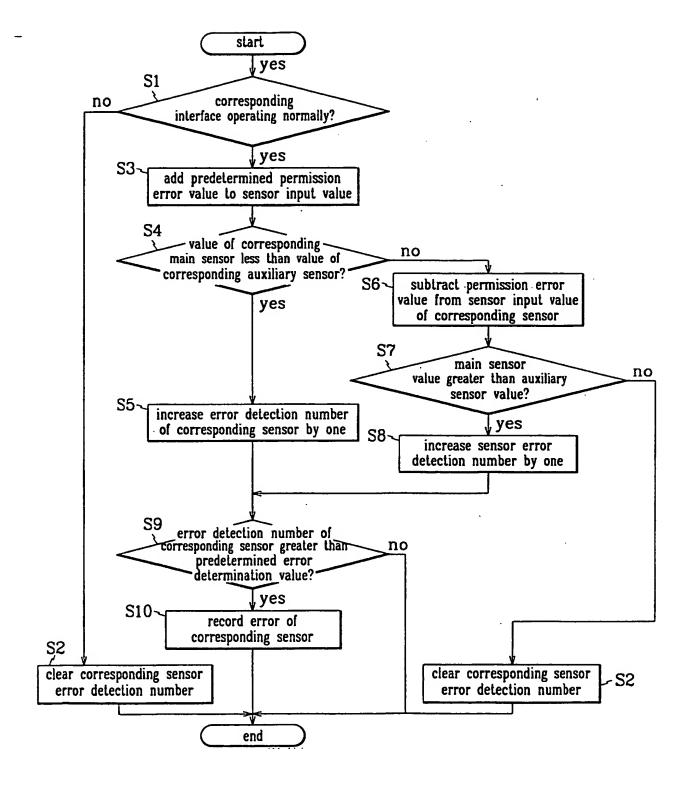
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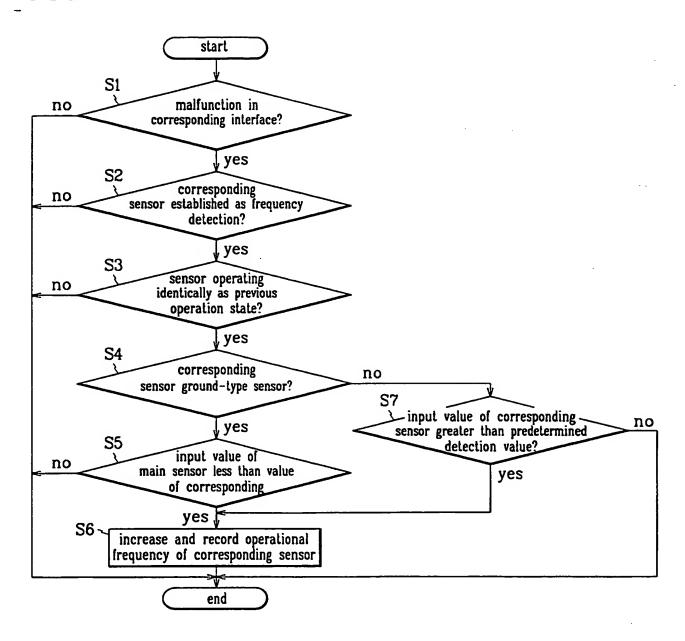
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14/40

FIG. 14



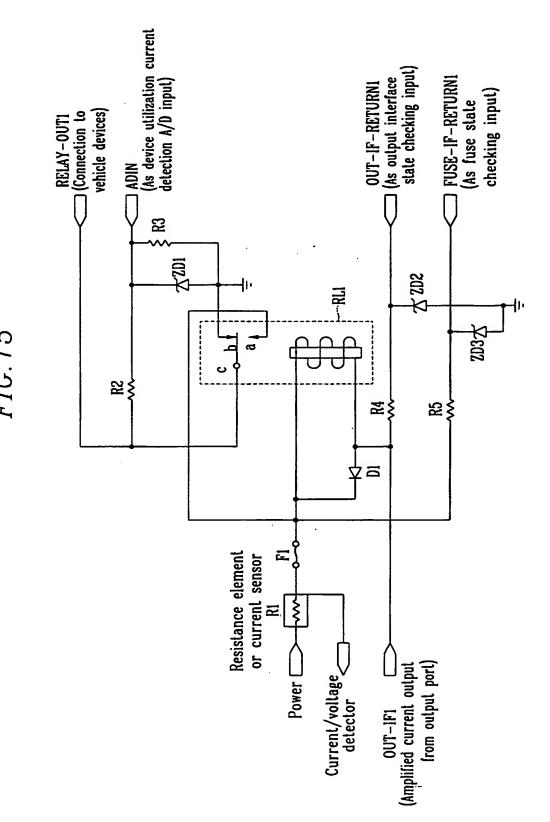
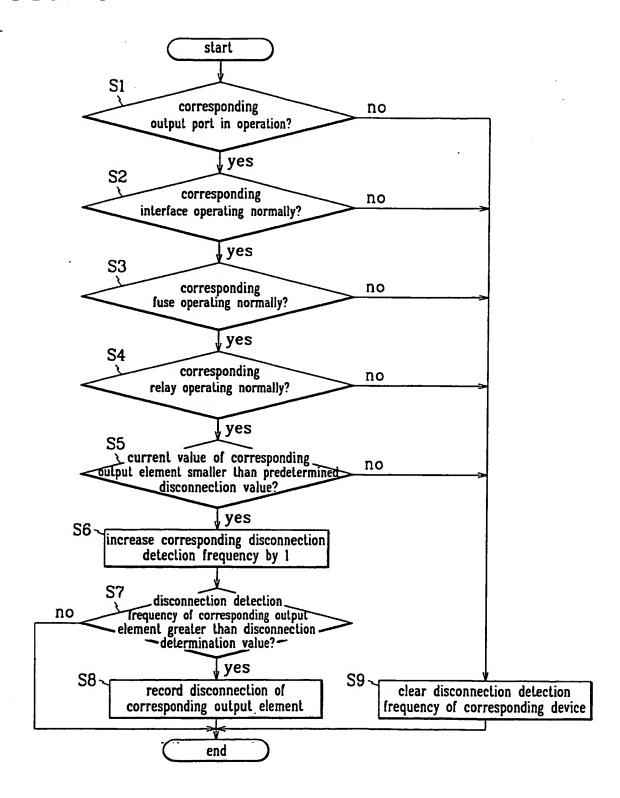


FIG. 16

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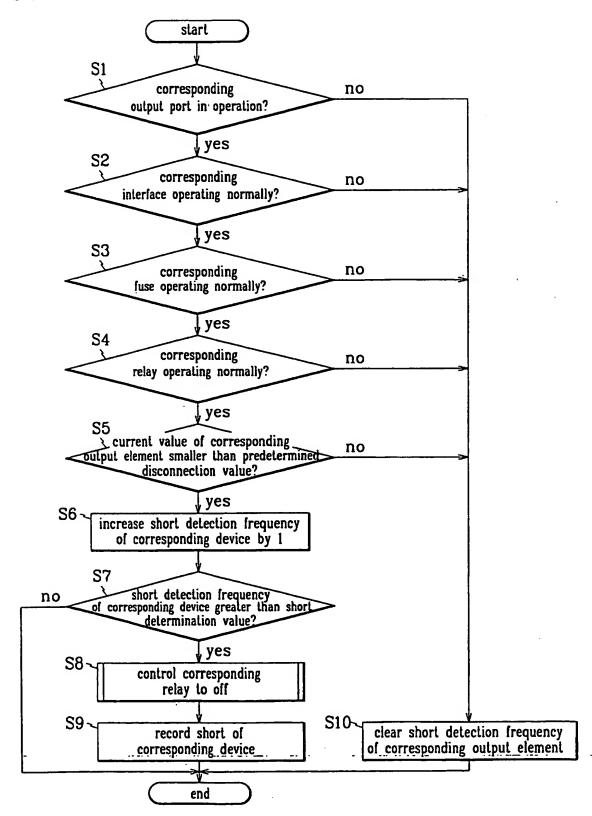
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FIG. 17

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Normal operation determination

Present value	Predetermined short value	Predetermined normal state value	Predetermined disconnection value
		Present value	

Disconnection determination

Present value	Predetermined normal state value disconnection va
	Presen

Short determination

Predetermined short value	Predetermined normal state value	Predetermined disconnection value
Present value		

19/40

## FIG. 19

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Constraint of the second secon

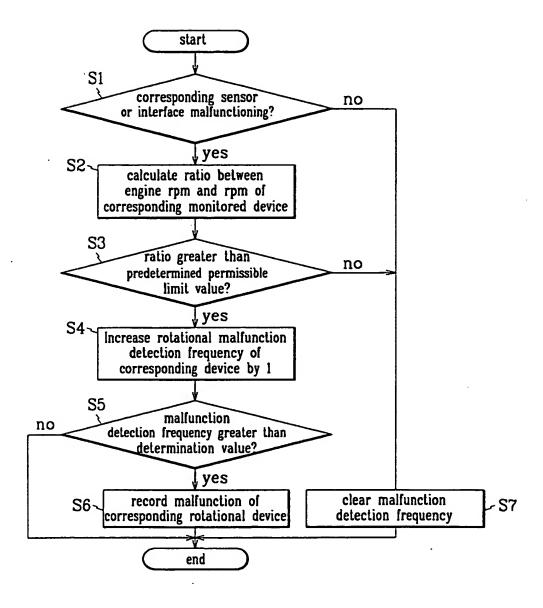
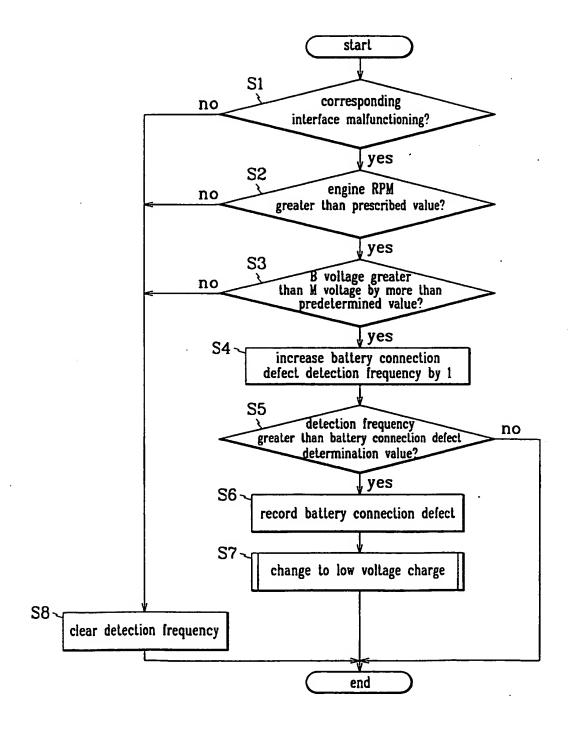


FIG. 20



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21/40

FIG. 21

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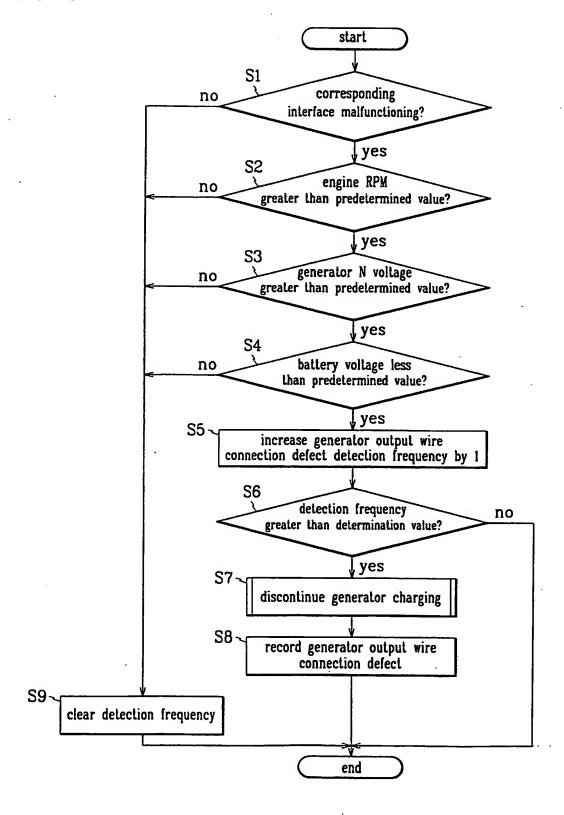


FIG. 22

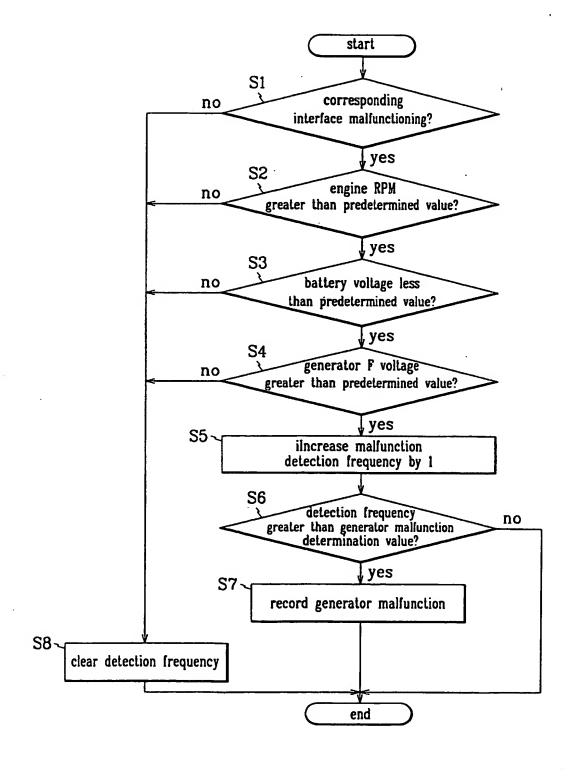
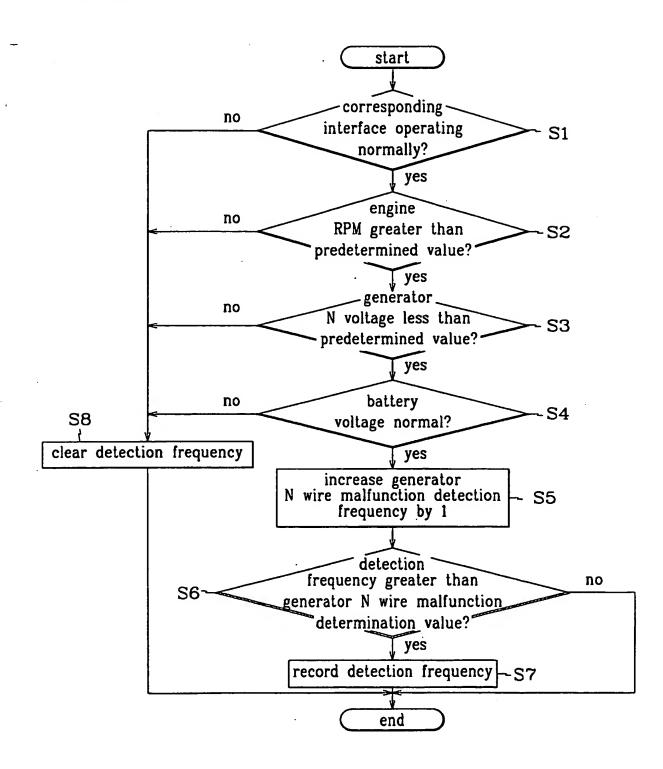


FIG. 23

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24/40

FIG. 24

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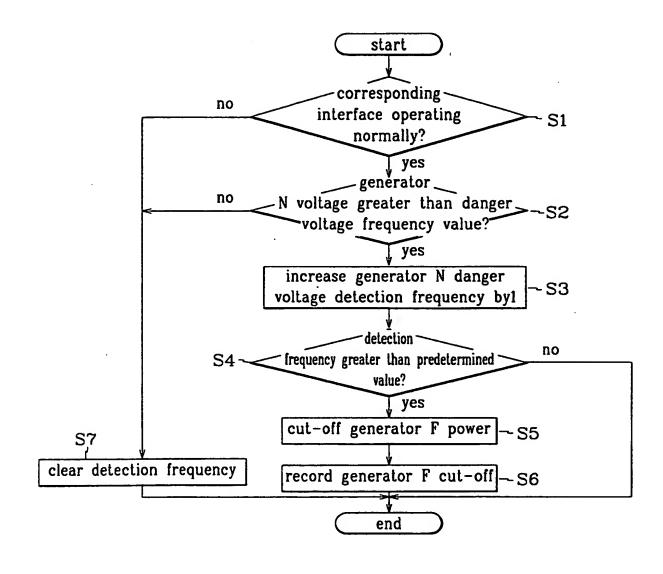


FIG. 25

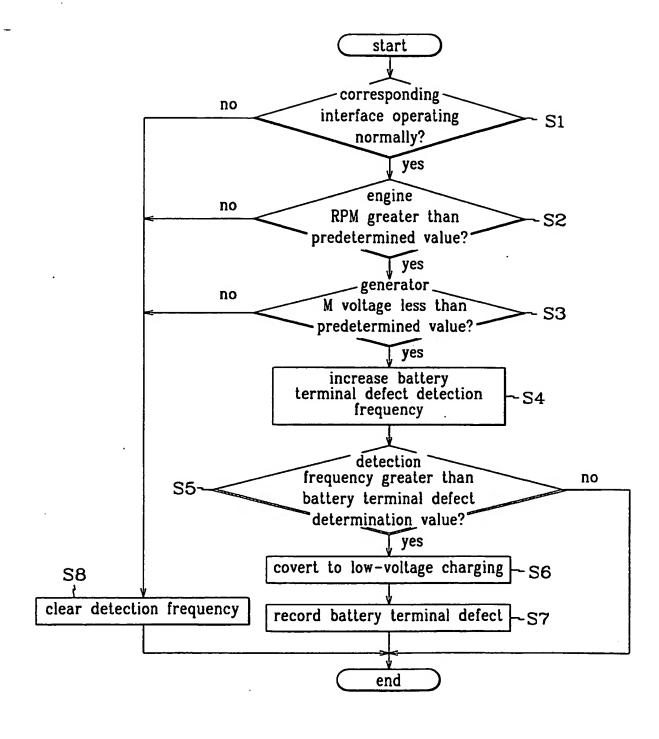


FIG.26

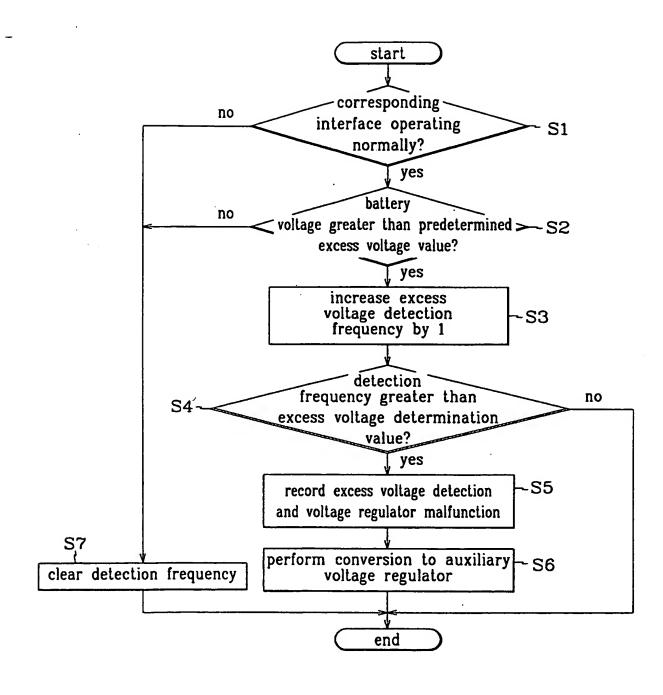
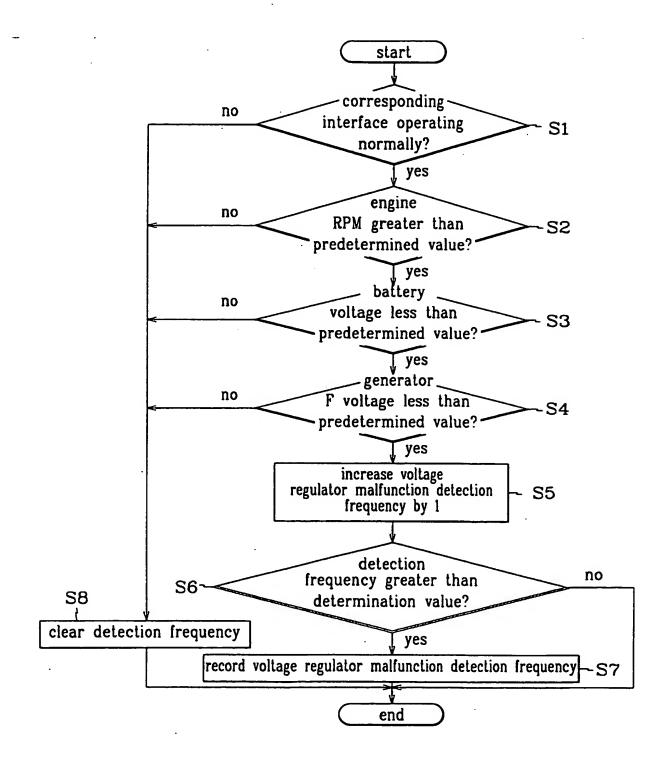


FIG. 27

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28/40

FIG.28

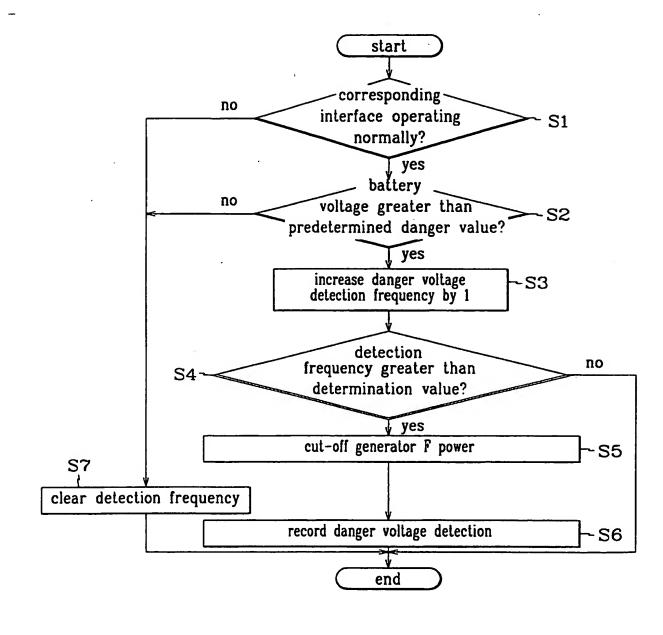
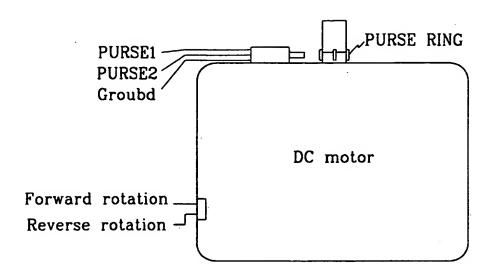


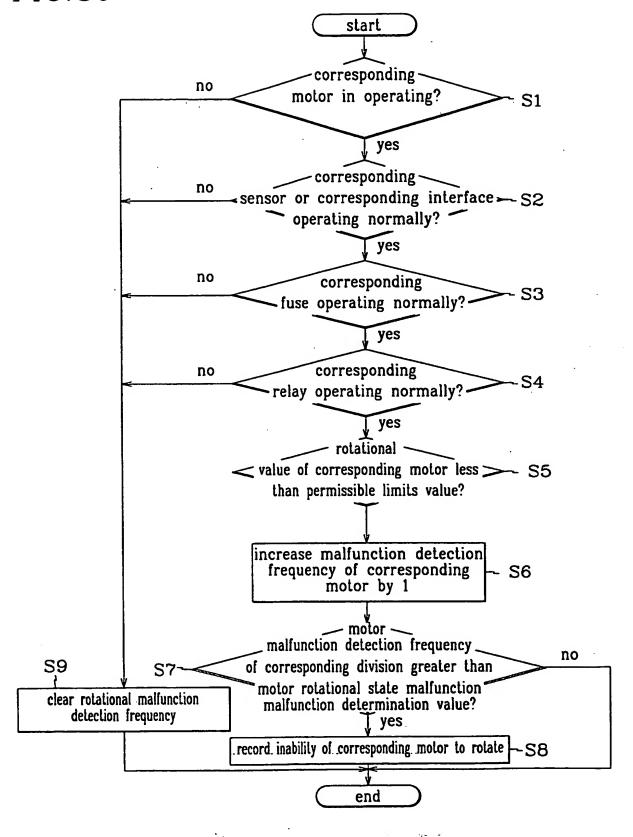
FIG.29



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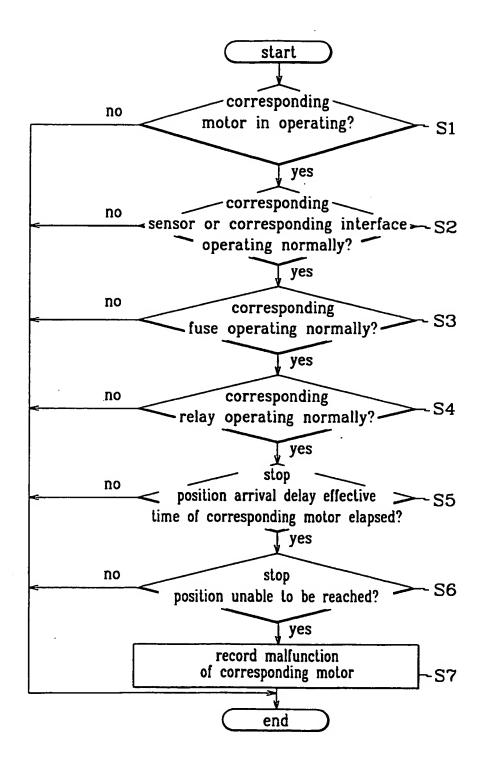
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FIG. 30



31/40

FIG. 31



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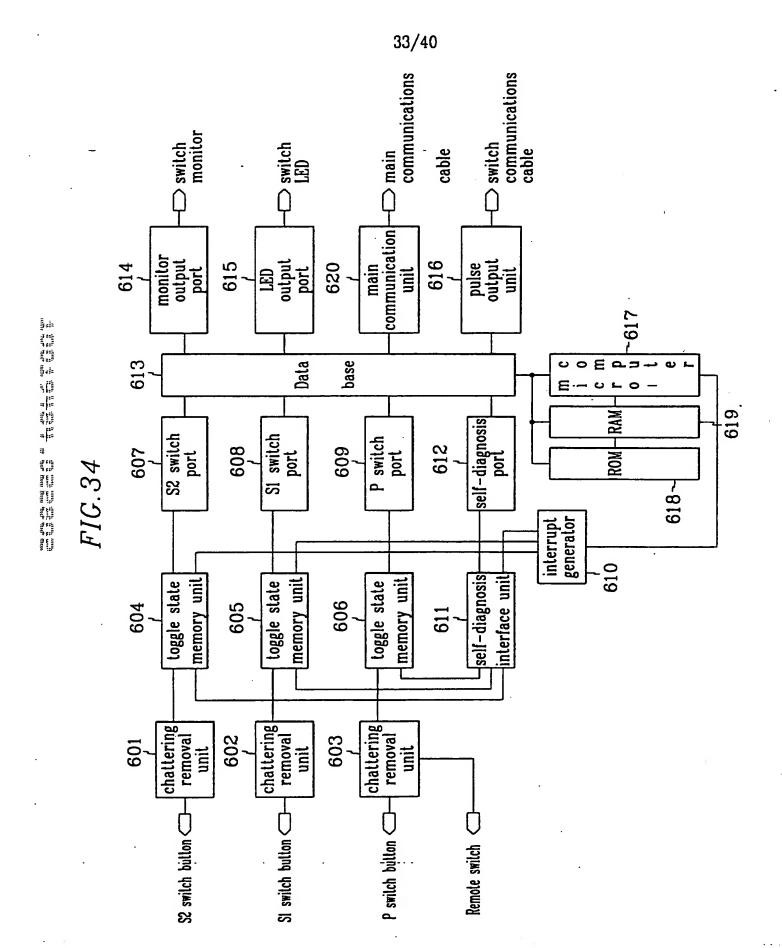
## FIG. 32

	S2-1 S2-2  external internal	%2-3	S2-5 ⊚ olher	\$2-6 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	© ©	
S1_1	stair light				internal light1	S1_5
\$1_2 •	driver compalment light	LCD monitor (conversion of monitor to internal switches since internal light2				
S1_3	reading lamp(right)	internal switc	hes have been calle	d)	internal light3	S1_7 <b>⊘</b>
S1_4	reading lamp(lemp) internal light4					S1_8 ©
	P_1 P_2	P_3	P_5	P_6 P_7	P_8	-

## FIG. 33

	P increase	
S2 reduction		S2 increase
	P reduction	

Check	Cancel



PCT/KR00/00690 34/40 output port established corresponding rouline is routine connected switch, and if there in corresponding SI and control to off **S4** reference presen switch table S2 internally, stop position pointer no corresponding rouline output port established switch, and if there is routine connected in corresponding SI switch on pulse? and control to on reference present switch table S2 internally, call yes position pointer start pulse S3 . SS 27 off output ports and routines on output ports and routines S2 switch, and control to S2 switch, and control to reference mode of present connected to presently input P switch reference mode of presen pulse to be separated connected to P switch pulse, and record S2 Decode corresponding pulse and P switch into S2 switch position S6~ no S8~ eference all S2 switches, and **S10** control to off output ports and routines connected panel P switch off pulse? yes to P switch yes yes yes S11-**S**3 **S12** 25 S corresponding to S2 switch input of panel switch? switch inpul of panel switch? corresponding to SI switch corresponding to switch input of remote switch? input to switch input uni corresponding to P ou no no no input? start <u>88</u> corresponding to presently table S2 position pointer designate new switch to depressed S2 swilch . S<sub>1</sub>3 yes

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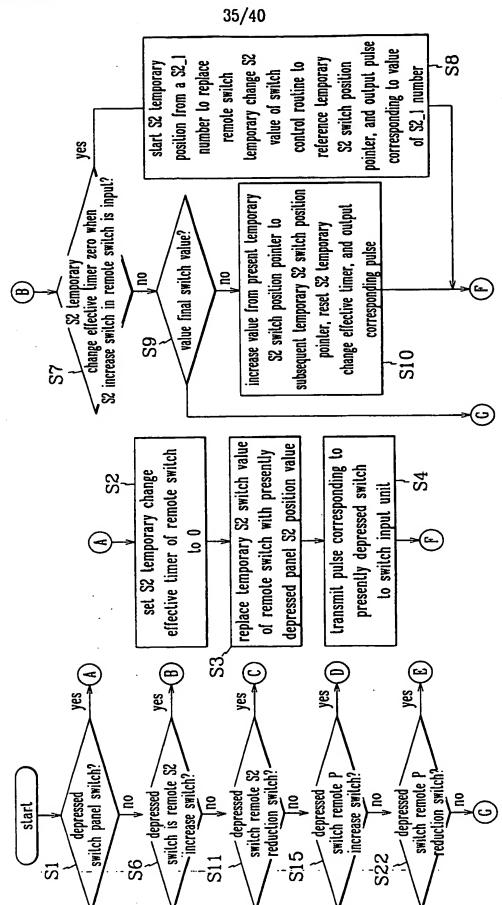
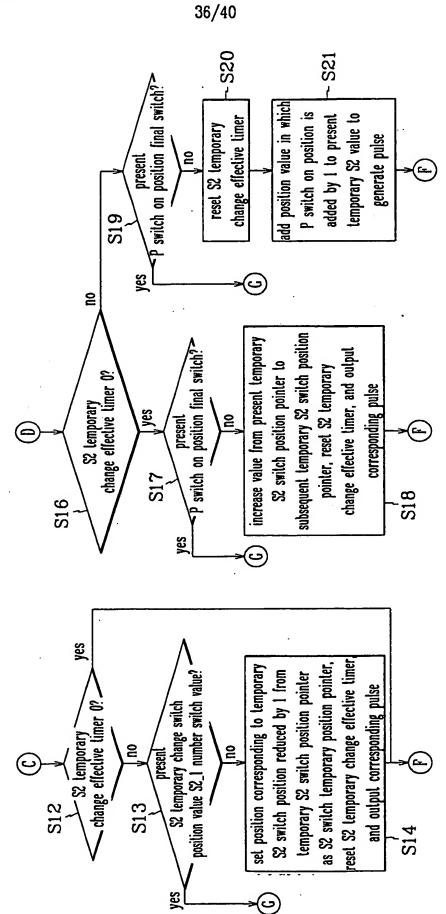


FIG. 36B



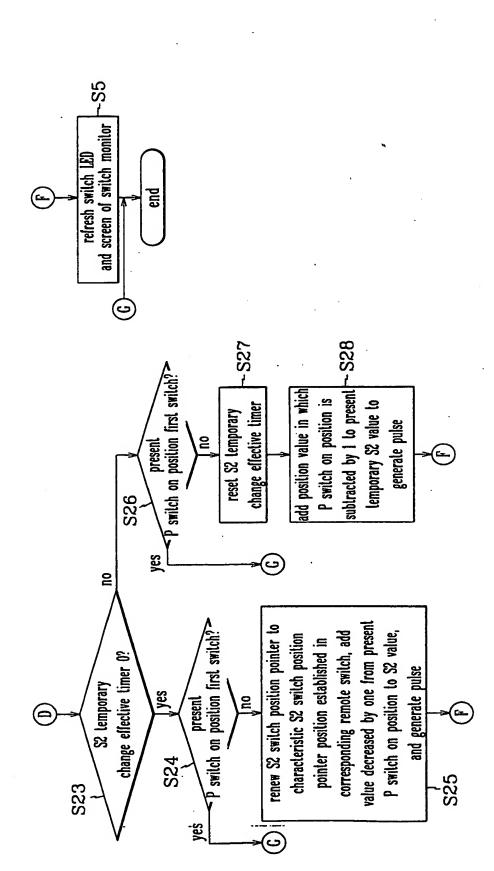
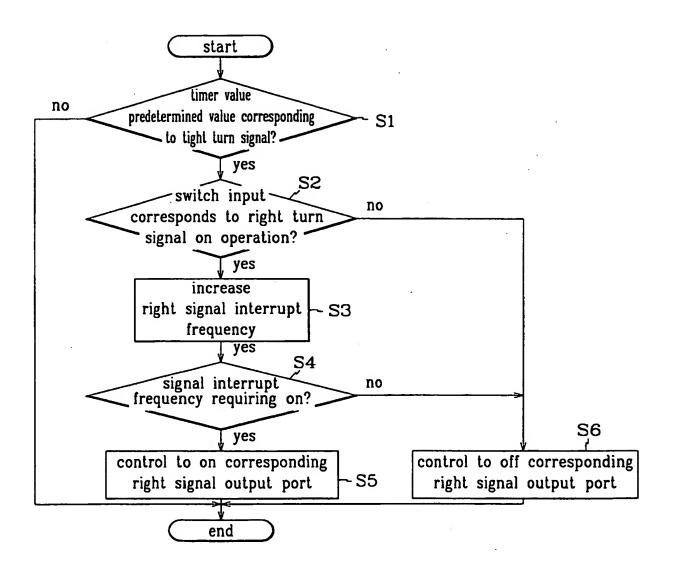


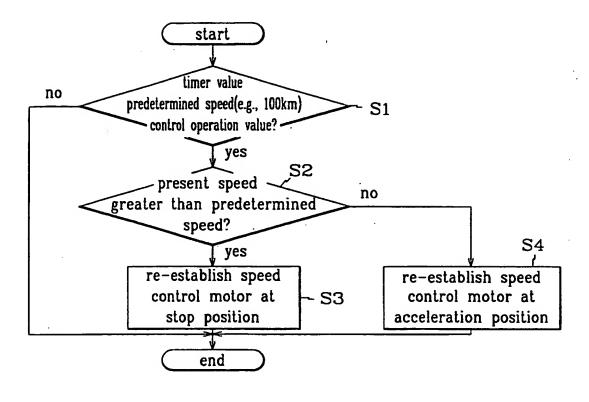
FIG. 37



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FIG. 38





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FIG. 39

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